

LIST OF TABLES

Table 1.1 The 2006 MSA-Reading Responsibility for Test Development.....	5
Table 1.2 The 2006 MSA-Reading Test Structure: Grades 3 through 8	7
Table 1.3 The 2006 MSA-Reading Test Design: Grades 3, 5, and 8	8
Table 1.4 The 2006 MSA-Reading Test Design: Grades 4, 6, and 7	9
Table 1.5 The 2006 MSA-Reading Item Distribution of Each Strand: Grade 3.....	10
Table 1.6 The 2006 MSA-Reading Item Distribution of Each Strand: Grades 4, 6, and 7	10
Table 1.7 The 2006 MSA-Reading Item Distribution of Each Strand: Grade 5.....	10
Table 1.8 The 2006 MSA-Reading Item Distribution of Each Strand: Grade 8.....	10
Table 1.9 The 2006 MSA-Reading Total and Strand Scores: Grade 3.....	11
Table 1.10 The 2006 MSA-Reading Total and Strand Scores: Grades 4, 6, and 7	11
Table 1.11 The 2006 MSA-Reading Total and Strand Scores: Grade 5.....	11
Table 1.12 The 2006 MSA-Reading Total and Strand Scores: Grade 8.....	11
Table 1.13 The 2006 MSA-Reading Timing Sessions: Grades 3 through 8	13
Table 1.14 The 2006 MSA-Reading Common Item Descriptive Statistics.....	19
Table 1.15 Common Item P-Value Comparison for Year 2005 vs. Year 2006: Grade 3	20
Table 1.16 Common Item P-Value Comparison for Year 2005 vs. Year 2006: Grade 4	22
Table 1.17 Common Item P-Value Comparison for Year 2005 vs. Year 2006: Grade 5	24
Table 1.18 Common Item P-Value Comparison for Year 2005 vs. Year 2006: Grade 6	26
Table 1.19 Common Item P-Value Comparison for Year 2005 vs. Year 2006: Grade 7	28
Table 1.20 Common Item P-Value Comparison for Year 2005 vs. Year 2006: Grade 8	30
Table 1.21 Form Identification for Items Appearing Year 2004 and Year 2006 8	33
Table 1.22 Augmented Item P-Value Comparison for Year 2004 vs. Year 2006: Grade 3 Form A	34
Table 1.23 BCR Item Score-Point Distribution for Year 2004 vs. Year 2006: Grade 3 Form A	34
Table 1.24 Augmented IRT Item Diffiucly Comparison for Year 2004 vs. Year 2006: Grade 3 Form A	35
Table 1.25 Augmented Item P-Value Comparison for Year 2004 vs. Year 2006: Grade 3 Form B.....	36
Table 1.26 BCR Item Score-Point Distribution for Year 2004 vs. Year 2006: Grade 3 Form B.....	36
Table 1.27 Augmented IRT Item Diffiucly Comparison for Year 2004 vs. Year 2006: Grade 3 Form B.....	37
Table 1.28 Augmented Item P-Value Comparison for Year 2004 vs. Year 2006: Grade 4 Form A	38
Table 1.29 BCR Item Score-Point Distribution for Year 2004 vs. Year 2006: Grade 4 Form A	38
Table 1.30 Augmented IRT Item Diffiucly Comparison for Year 2004 vs. Year 2006: Grade 4 Form A	39
Table 1.31 Augmented Item P-Value Comparison for Year 2004 vs. Year 2006: Grade 4 Form B.....	40
Table 1.32 BCR Item Score-Point Distribution for Year 2004 vs. Year 2006: Grade 4 Form B.....	40
Table 1.33 Augmented IRT Item Diffiucly Comparison	

for Year 2004 vs. Year 2006: Grade 4 Form B	41
Table 1.34 Augmented Item P-Value Comparison	
for Year 2004 vs. Year 2006: Grade 5 Form A	42
Table 1.35 BCR Item Score-Point Distribution	
for Year 2004 vs. Year 2006: Grade 5 Form A	42
Table 1.36 Augmented IRT Item Diffiucly Comparison	
for Year 2004 vs. Year 2006: Grade 5 Form A	43
Table 1.37 Augmented Item P-Value Comparison	
for Year 2004 vs. Year 2006: Grade 5 Form B	44
Table 1.38 BCR Item Score-Point Distribution	
for Year 2004 vs. Year 2006: Grade 5 Form B	44
Table 1.39 Augmented IRT Item Diffiucly Comparison	
for Year 2004 vs. Year 2006: Grade 5 Form B	45
Table 1.40 Augmented Item P-Value Comparison	
for Year 2004 vs. Year 2006: Grade 6 Form A	46
Table 1.41 BCR Item Score-Point Distribution	
for Year 2004 vs. Year 2006: Grade 6 Form A	46
Table 1.42 Augmented IRT Item Diffiucly Comparison	
for Year 2004 vs. Year 2006: Grade 6 Form A	47
Table 1.43 Augmented Item P-Value Comparison	
for Year 2004 vs. Year 2006: Grade 6 Form B	48
Table 1.44 BCR Item Score-Point Distribution	
for Year 2004 vs. Year 2006: Grade 6 Form B	48
Table 1.45 Augmented IRT Item Diffiucly Comparison	
for Year 2004 vs. Year 2006: Grade 6 Form B	49
Table 1.46 Augmented Item P-Value Comparison	
for Year 2004 vs. Year 2006: Grade 7 Form A	50
Table 1.47 BCR Item Score-Point Distribution	
for Year 2004 vs. Year 2006: Grade 7 Form A	50
Table 1.48 Augmented IRT Item Diffiucly Comparison	
for Year 2004 vs. Year 2006: Grade 7 Form A	51
Table 1.49 Augmented Item P-Value Comparison	
for Year 2004 vs. Year 2006: Grade 7 Form B	52
Table 1.50 BCR Item Score-Point Distribution	
for Year 2004 vs. Year 2006: Grade 7 Form B	52
Table 1.51 Augmented IRT Item Diffiucly Comparison	
for Year 2004 vs. Year 2006: Grade 7 Form B	53
Table 1.52 Augmented Item P-Value Comparison	
for Year 2004 vs. Year 2006: Grade 8 Form A	54
Table 1.53 BCR Item Score-Point Distribution	
for Year 2004 vs. Year 2006: Grade 8 Form A	54
Table 1.54 Augmented IRT Item Diffiucly Comparison	
for Year 2004 vs. Year 2006: Grade 8 Form A	55
Table 1.55 Augmented Item P-Value Comparison	
for Year 2004 vs. Year 2006: Grade 8 Form B	56
Table 1.56 BCR Item Score-Point Distribution	

for Year 2004 vs. Year 2006: Grade 8 Form B.....	56
Table 1.57 Augmented IRT Item Difficulty Comparison	
for Year 2004 vs. Year 2006: Grade 8 Form B.....	57
Table 1.58 Common Linking Item Difficulties of Year 2003 vs. Year 2006: Grade 3	62
Table 1.59 Common Linking Item Difficulties of Year 2004 vs. Year 2006: Grade 4	66
Table 1.60 Common Linking Item Difficulties of Year 2003 vs. Year 2006: Grade 5	70
Table 1.61 Common Linking Item Difficulties of Year 2004 vs. Year 2006: Grade 6	74
Table 1.62 Common Linking Item Difficulties of Year 2004 vs. Year 2006: Grade 7	78
Table 1.63 Common Linking Item Difficulties of Year 2003 vs. Year 2006: Grade 8	82
Table 1.64 The 2006 MSA-Reading Slope and Intercept: Grades 3 through 8.....	86
Table 1.65 The 2006 MSA-Reading	
Eigenvalues between the First and Second Components: Grades 3 through 8.....	89
Table 2.1 The 2006 MSA-Reading Cut Scores: Grades 3 through 8.....	96
Table 2.2 The 2006 MSA-Reading Pass Rates: Grades 3 through 8.....	96
Table 3.1 Criteria to Evaluate Mean-Square Fit Statistics.....	101
Table 3.2 $2 \times T$ Contingency Table at the k^{th} Level.....	103
Table 3.3 <i>DIF</i> Classification for BCR Items	104
Table 3.4 <i>DIF</i> Classification for SR Items	105
Table 4.1 The 2006 MSA-Reading Classical Descriptive Statistics: Grades 3 through 8.....	112
Table 4.2 The 2006 MSA-Reading Scale Score Descriptive Statistics: Grades 3 through 8 ...	113
Table 4.3 The 2006 MSA-Reading Strand Correlations: Grade 3.....	114
Table 4.4 The 2006 MSA-Reading Strand Correlations: Grade 4.....	114
Table 4.5 The 2006 MSA-Reading Strand Correlations: Grade 5.....	114
Table 4.6 The 2006 MSA-Reading Strand Correlations: Grade 6.....	115
Table 4.7 The 2006 MSA-Reading Strand Correlations: Grade 7.....	115
Table 4.8 The 2006 MSA-Reading Strand Correlations: Grade 8.....	115
Table 4.9 The 2006 MSA-Reading	
Decision Accuracy and Consistency Indices: Grade 3	116
Table 4.10 The 2006 MSA-Reading	
Decision Accuracy and Consistency Indices: Grade 4	116
Table 4.11 The 2006 MSA-Reading	
Decision Accuracy and Consistency Indices: Grade 5	116
Table 4.12 The 2006 MSA-Reading	
Decision Accuracy and Consistency Indices: Grade 6	117
Table 4.13 The 2006 MSA-Reading	
Decision Accuracy and Consistency Indices: Grade 7	117
Table 4.14 The 2006 MSA-Reading	
Decision Accuracy and Consistency Indices: Grade 8	117
Table 4.15 The 2006 MSA-Reading	
Raw Score to Scale Score Conversion Table: Grade 3 Form A	118
Table 4.16 The 2006 MSA-Reading	
Raw Score to Scale Score Conversion Table: Grade 3 Form B	119
Table 4.17 The 2006 MSA-Reading	
Raw Score to Scale Score Conversion Table: Grade 4 Form A	120
Table 4.18 The 2006 MSA-Reading	
Raw Score to Scale Score Conversion Table: Grade 4 Form B	121

Table 4.19 The 2006 MSA-Reading Raw Score to Scale Score Conversion Table: Grade 5 Form A.....	122
Table 4.20 The 2006 MSA-Reading Raw Score to Scale Score Conversion Table: Grade 5 Form B.....	123
Table 4.21 The 2006 MSA-Reading Raw Score to Scale Score Conversion Table: Grade 6 Form A.....	124
Table 4.22 The 2006 MSA-Reading Raw Score to Scale Score Conversion Table: Grade 6 Form B.....	125
Table 4.23 The 2006 MSA-Reading Raw Score to Scale Score Conversion Table: Grade 7 Form A.....	126
Table 4.24 The 2006 MSA-Reading Raw Score to Scale Score Conversion Table: Grade 7 Form B.....	127
Table 4.25 The 2006 MSA-Reading Raw Score to Scale Score Conversion Table: Grade 8 Form A.....	128
Table 4.26 The 2006 MSA-Reading Raw Score to Scale Score Conversion Table: Grade 8 Form B.....	129
Table 4.27 The 2006 MSA-Reading Score Difference between Rater 1 and Rater 2: Grade 3.....	130
Table 4.28 The 2006 MSA-Reading Score Difference between Rater 1 and Rater 2: Grade 4.....	130
Table 4.29 The 2006 MSA-Reading Score Difference between Rater 1 and Rater 2: Grade 5.....	130
Table 4.30 The 2006 MSA-Reading Score Difference between Rater 1 and Rater 2: Grade 6.....	131
Table 4.31 The 2006 MSA-Reading Score Difference between Rater 1 and Rater 2: Grade 7.....	131
Table 4.32 The 2006 MSA-Reading Score Difference between Rater 1 and Rater 2: Grade 8.....	131
Table A.1 The 2006 MSA-Reading Population and Stratified Random Sampling: Grade 3 LEA.....	136
Table A.2 The 2006 MSA-Reading Population and Stratified Random Sampling: Grade 3 Ethnicity.....	137
Table A.3 The 2006 MSA-Reading Population and Stratified Random Sampling: Grade 3 Gender.....	137
Table A.4 The 2006 MSA-Reading Population and Stratified Random Sampling: Grade 4 LEA.....	138
Table A.5 The 2006 MSA-Reading Population and Stratified Random Sampling: Grade 4 Ethnicity.....	139
Table A.6 The 2006 MSA-Reading Population and Stratified Random Sampling: Grade 4 Gender.....	139
Table A.7 The 2006 MSA-Reading Population and Stratified Random Sampling: Grade 5 LEA.....	140
Table A.8 The 2006 MSA-Reading Population and Stratified Random Sampling: Grade 5 Ethnicity.....	141
Table A.9 The 2006 MSA-Reading Population and Stratified Random Sampling: Grade 5 Gender.....	141

Table A.10 The 2006 MSA-Reading Population and Stratified Random Sampling: Grade 6 LEA	142
Table A.11 The 2006 MSA-Reading Population and Stratified Random Sampling: Grade 6 Ethnicity	143
Table A.12 The 2006 MSA-Reading Population and Stratified Random Sampling: Grade 6 Gender	143
Table A.13 The 2006 MSA-Reading Population and Stratified Random Sampling: Grade 7 LEA	144
Table A.14 The 2006 MSA-Reading Population and Stratified Random Sampling: Grade 7 Ethnicity	145
Table A.15 The 2006 MSA-Reading Population and Stratified Random Sampling: Grade 7 Gender	145
Table A.16 The 2006 MSA-Reading Population and Stratified Random Sampling: Grade 8 LEA	146
Table A.17 The 2006 MSA-Reading Population and Stratified Random Sampling: Grade 8 Ethnicity	147
Table A.18 The 2006 MSA-Reading Population and Stratified Random Sampling: Grade 8 Gender	147
Table C.1 The 2006 MSA-Reading Classical and <i>IRT</i> Item Parameters: Grade 3 Form A	188
Table C.2 The 2006 MSA-Reading Classical and <i>IRT</i> Item Parameters: Grade 3 Form B	189
Table C.3 The 2006 MSA-Reading Classical and <i>IRT</i> Item Parameters: Grade 4 Form A	190
Table C.4 The 2006 MSA-Reading Classical and <i>IRT</i> Item Parameters: Grade 4 Form B	191
Table C.5 The 2006 MSA-Reading Classical and <i>IRT</i> Item Parameters: Grade 5 Form A	192
Table C.6 The 2006 MSA-Reading Classical and <i>IRT</i> Item Parameters: Grade 5 Form B	193
Table C.7 The 2006 MSA-Reading Classical and <i>IRT</i> Item Parameters: Grade 6 Form A	194
Table C.8 The 2006 MSA-Reading Classical and <i>IRT</i> Item Parameters: Grade 6 Form B	195
Table C.9 The 2006 MSA-Reading Classical and <i>IRT</i> Item Parameters: Grade 7 Form A	196
Table C.10 The 2006 MSA-Reading Classical and <i>IRT</i> Item Parameters: Grade 7 Form B	197
Table C.11 The 2006 MSA-Reading Classical and <i>IRT</i> Item Parameters: Grade 8 Form A	198
Table B.12 The 2006 MSA-Reading Classical and <i>IRT</i> Item Parameters: Grade 8 Form B	199
Table D.1 The 2006 MSA-Reading Blueprint: Grade 3	202
Table D.2 The 2006 MSA-Reading Blueprint: Grade 4	208
Table D.3 The 2006 MSA-Reading Blueprint: Grade 5	214
Table D.4 The 2006 MSA-Reading Blueprint: Grade 6	220

Table D.5 The 2006 MSA-Reading Blueprint: Grade 7.....	226
Table D.6 The 2006 MSA-Reading Blueprint: Grade 8.....	232